

IN THE CLAIMS:

1. (Currently Amended) A system for detecting an abnormality in a physiological condition of a user and for alerting people to said abnormality, said system comprising monitor means for monitoring a signal representative of the physiological condition, said monitor means comprising:

sensor means arranged to be located on the body of the user for detecting said signal;

detection means actuated by said sensor means and arranged to process said signal in order to derive a feature in the signal characteristic to said abnormality;

alarm means arranged to trigger an alarm signal upon a detection of said feature by the detection means; ~~and~~

transmission means arranged to transmit only the alarm signal to a station responsive to said alarm signal, ~~characterized in that the detection means [[are]] being arranged on a user-side of the system, the alarm signal being the sole signal transmitted by the monitor means to said station; and~~

a motion sensor arranged to monitor a physical activity of the user, the motion sensor being selectively activated by the detection means.

2. (Original) A system according to claim 1, characterized in that the station is a stationary home-based station arranged to forward the alarm signal to a remote service center.

3. (Original) A system according to claim 2, characterized in that said home-based station is further arranged to control a domestic device.

4. (Original) A system according to claim 1, characterized in that the station is a mobile station arranged to forward the alarm signal to a remote service center and in that said system further comprises positioning means actuated by the alarm means, said positioning means

being arranged to determine a location of the user and to transmit a signal representative to said location to said remote service center.

5. (Previously Presented) A system according to claim 1, characterized in that the user-side of the system further comprises range detection means arranged to validate that the user is located within an operational range of the station.

6. (Previously Presented) A system according to claim 1, characterized in that said abnormality in the physiological condition is a condition of the cardiac arrest.

7. (Original) A system according to claim 5, characterized in that the system further comprises an automatic external defibrillator device provided with a telephone module actuatable by the remote service center in case of an emergency.

8. (Cancelled)

9. (Currently Amended) A system according to claim ~~8~~1, characterized in that the monitoring means are integrated in a wearable garment.